

Abstract

atched telephone network enable packet voice terminals via mult networks. The packet different protocols, be and have primary function. One example of k networks, such an alternate packet s ose primary function telephone network. e switching system (CC network (PSTN) is a pr ce communication link terminal to teleph the quality of voic and the link may be t teroffice signaling n voice communication

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $\epsilon \rightarrow 0$. It is shown that the solutions of the system (1) converge to the solutions of the system (2) in the sense of the weak convergence in the space $L^2(\Omega; \mathbb{R}^n)$.

A voice communication link may be established from
15 telephone terminal to telephone terminal via the
Internet, the quality of voice communication may be
monitored, and the link may be transferred to the common
channel interoffice signaling network if and when the
quality of voice communication deteriorates beneath a

20 pre-established norm. There is provided a means for
monitoring the links of the common channel interoffice
signaling system carrying the packetized voice
communication and collecting the information needed to
permit charging for the voice communication by time
25 duration or by cells used to carry the packetized voice
signal. The customer may be provided with the option of
establishing the norm for diversion of the
communication, or may elect which path is to be selected
as the primary path.